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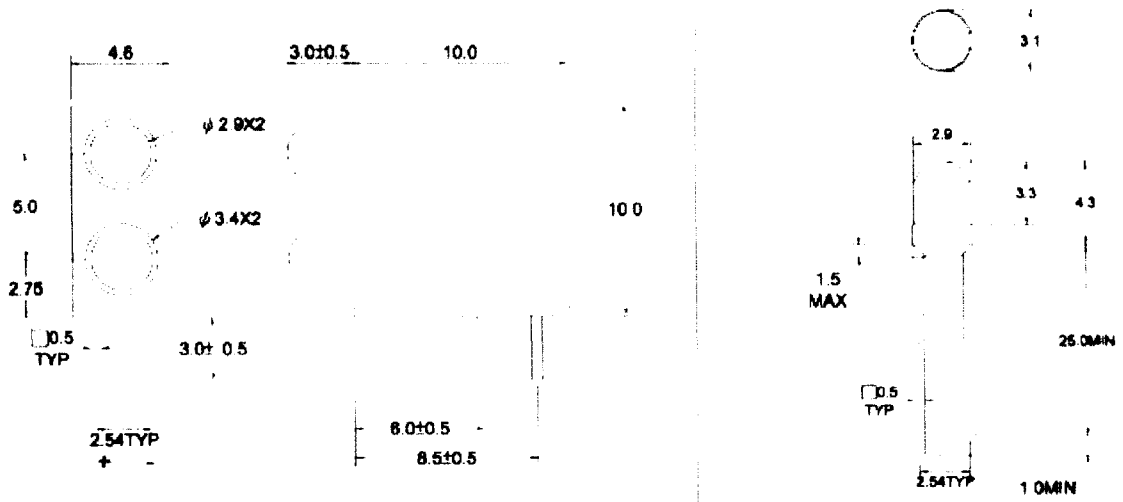
LIGITEK

ARRAY WITH LED LAMPS **LA45B/2X** *SERIES*

Package Dimension



Note : 1.All dimension are in millimeter tolerance is ±0.25mm otherwise noted.
2.Specifications subject to change without notice

LX2640-1

• Part Selection And Application Informayion (Retings At 25℃ Ambient)

PART NO	MATERIAL	COLOR		Peak wave length λ Pnm	Spectral halfwidth △λ nm	Forward voltage @20mA(V)		Luminous intensity @10mA(mcd)		Viewing angle 2θ 1/2 (deg)
		Emitted	*Len's*			*Typ.*	*Max.*	*Min.*	*Typ.*	
LA45B/2H	GaP	Red	Red Diffused	697	90	1.7	2.8	2.0	4.2	50
LA45B/2G	GaP	Green	Green Diffused	565	30	1.7	2.8	9.0	15	50
LA45B/2Y	GaAsP/GaP	Yellow	Yellow Diffused	585	35	1.7	2.8	7.5	12	50
LA45B/2E	GaAsP/GaP	Orange	Orange Diffused	635	45	1.7	2.8	7.5	12	50
LA45B/2I	GaAsP/GaP	Orange	Red Diffused	630	45	1.7	2.8	7.5	12	50

• Absolute Maximum Rating (Ta=25℃)

PARAMETER	RED	GREEN	YELLOW	ORANGE	UNIT	REMARK
	H	G	Y	E		
Forward Current	15	30	20	30	mA	
Peak Forward Current Duty 1/10 @ 1KHz	60	120	80	120	mA	
Power Dissipation	40	100	60	100	mW	
Reverse Current @5V	10	10	10	10	μA	
Operating Temperature	-40℃ TO +85℃					
Storage Temperature	-40℃ TO +100℃					